

Ancillary Services

Guernsey Ancillary Services

Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	Yes

Generators

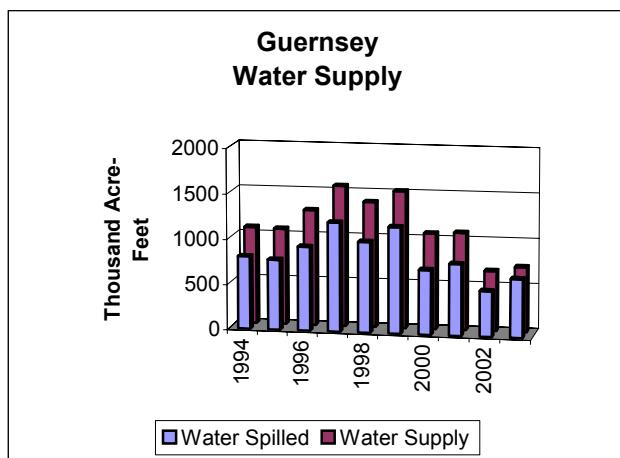
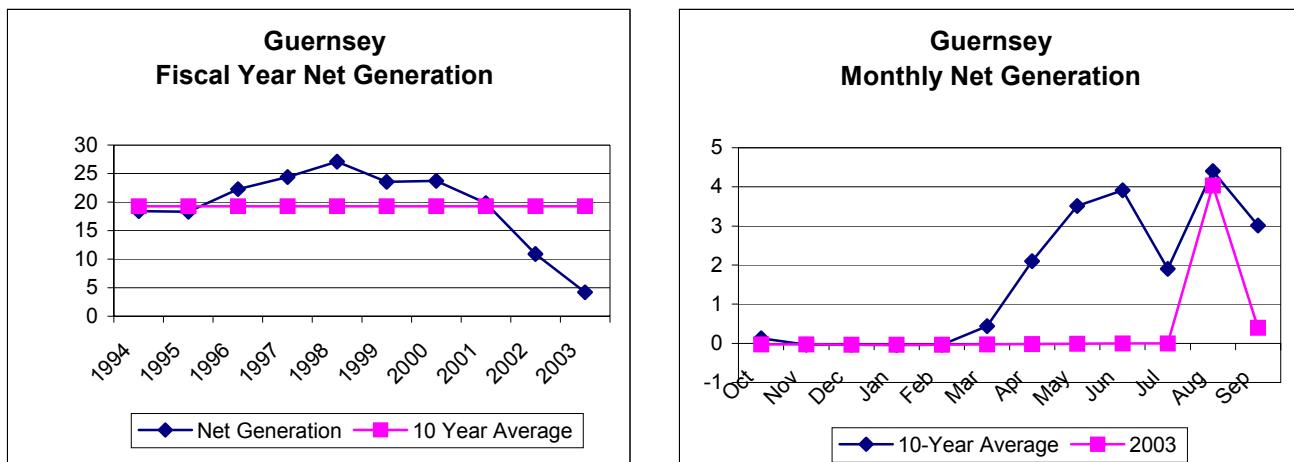
Guernsey Generators

Existing Number and Capacity

Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	2,400	800	3,200
2	2,400	800	3,200
2 Units	4,800	1,600	6,400

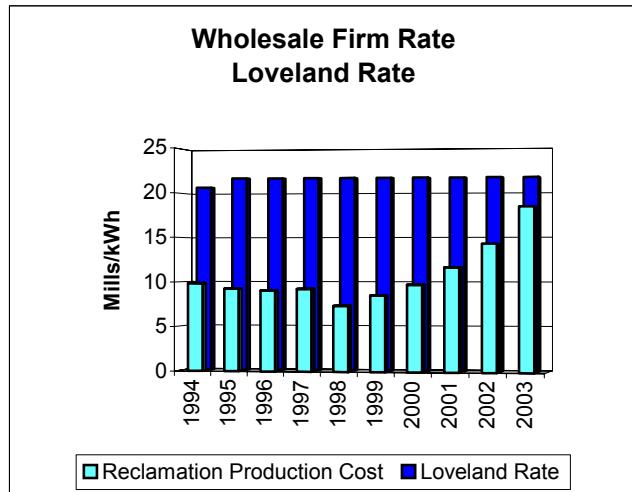
**Guernsey Powerplant
Seasonal**

Generation

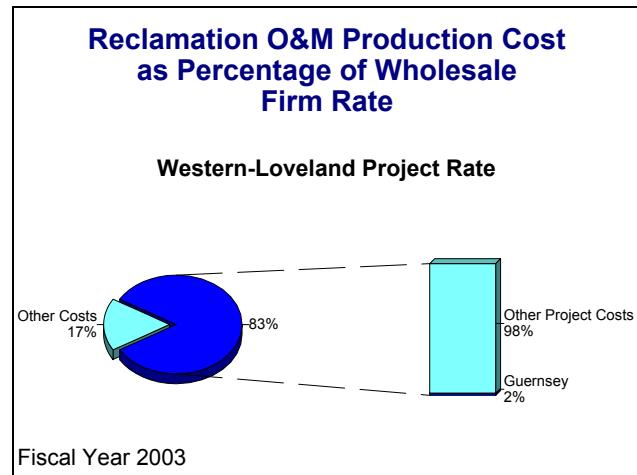


Prime Laboratory Benchmarks

Benchmark 1 Wholesale Firm Rate

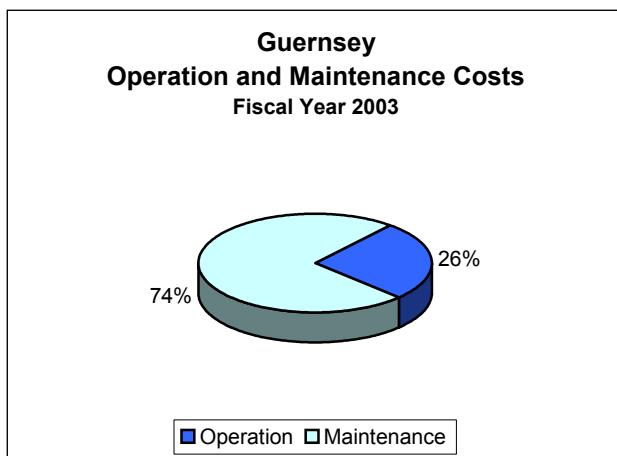
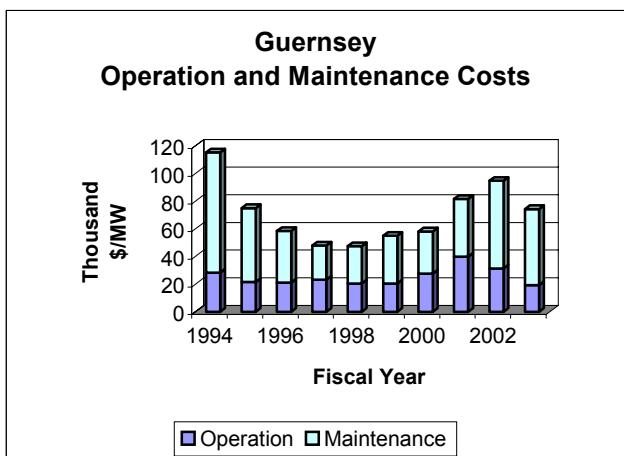
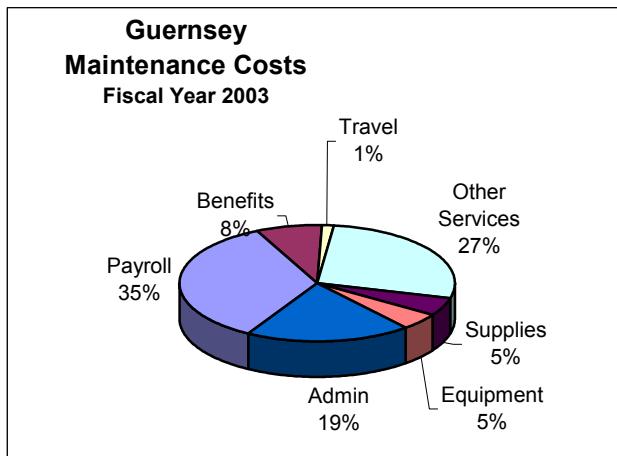
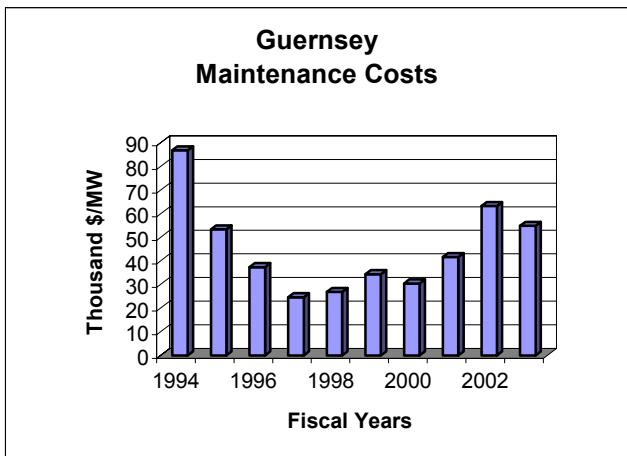
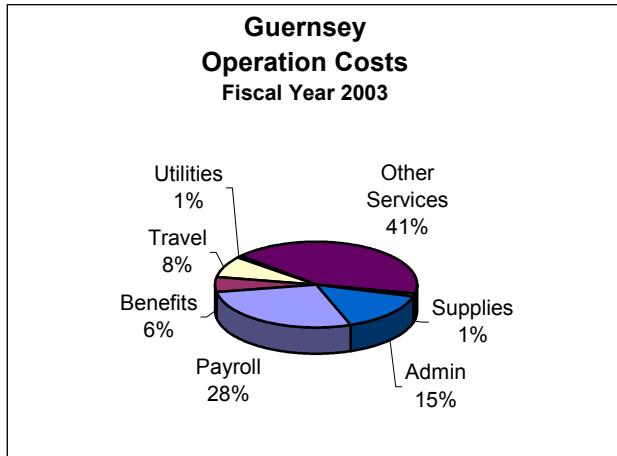
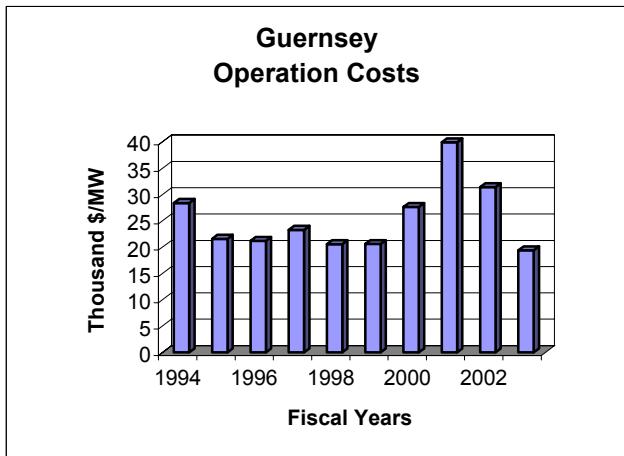


Benchmark 2 Reclamation's Production Cost as Percentage of Wholesale Firm Rate



**Guernsey Powerplant
Seasonal**

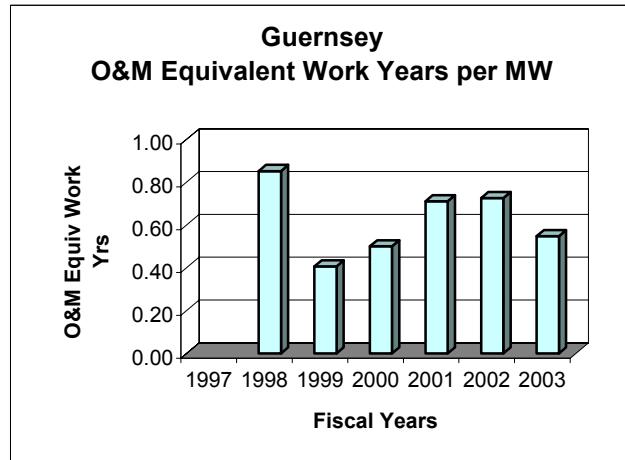
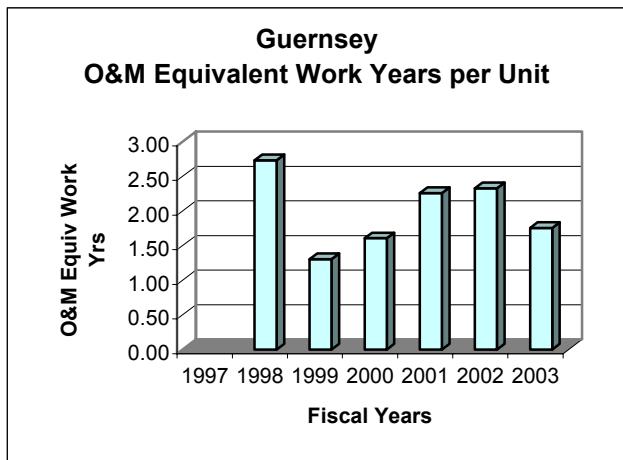
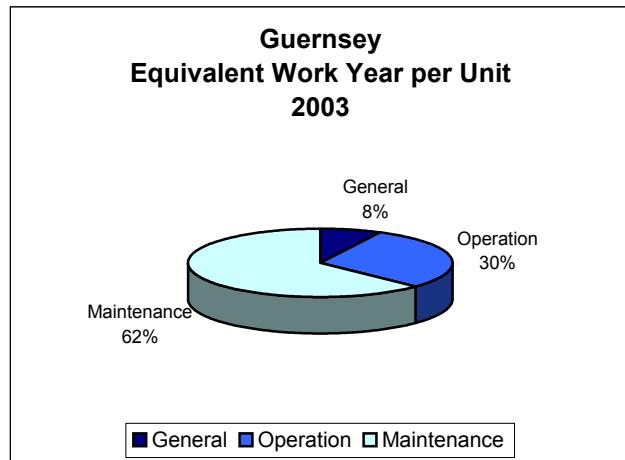
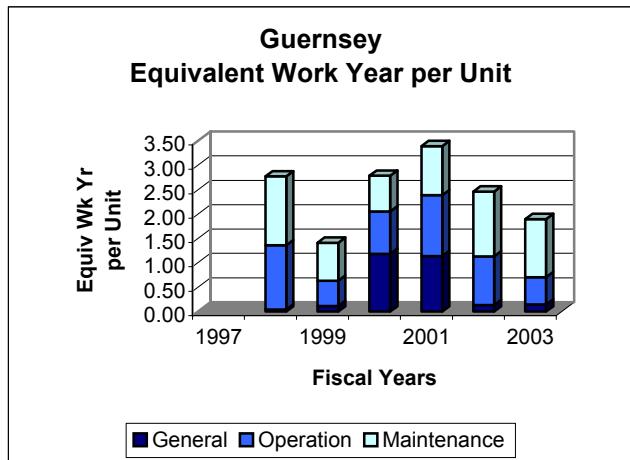
**Benchmark 3
Production Cost**



**Guernsey Powerplant
Seasonal**

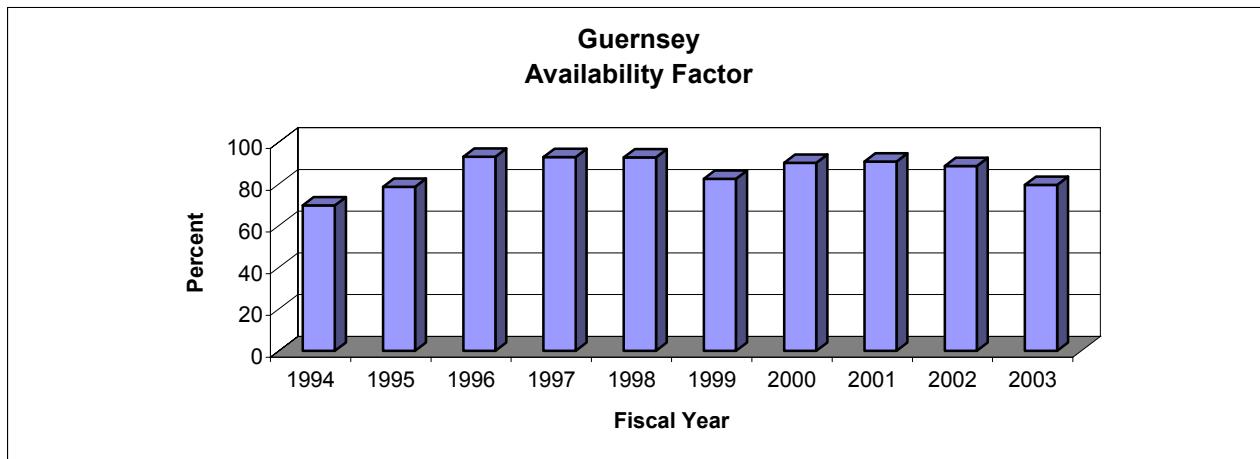
**Benchmark 4
Workforce Deployment**

Guernsey 2003 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work year per Generating Unit	Total Equiv Work Year per Megawatt
General	0.22	0.02	0.04	0.29	0.14	0.05
Operation	1.01	0.11	0	1.12	0.56	0.18
Maintenance	2.16	0.23	0	2.39	1.19	0.37
Total Staffing	3.39	0.36	0.04	3.8	1.9	0.59



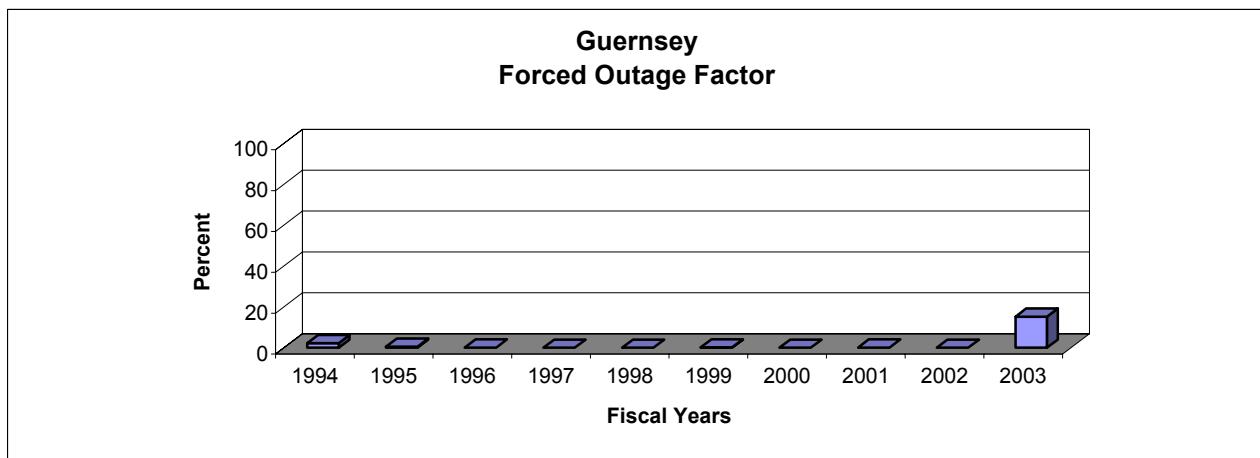
Distributive Accounts not available for FY-97

**Benchmark 5
Availability Factor**



FY-94 - Both units rewound and turbines overhauled

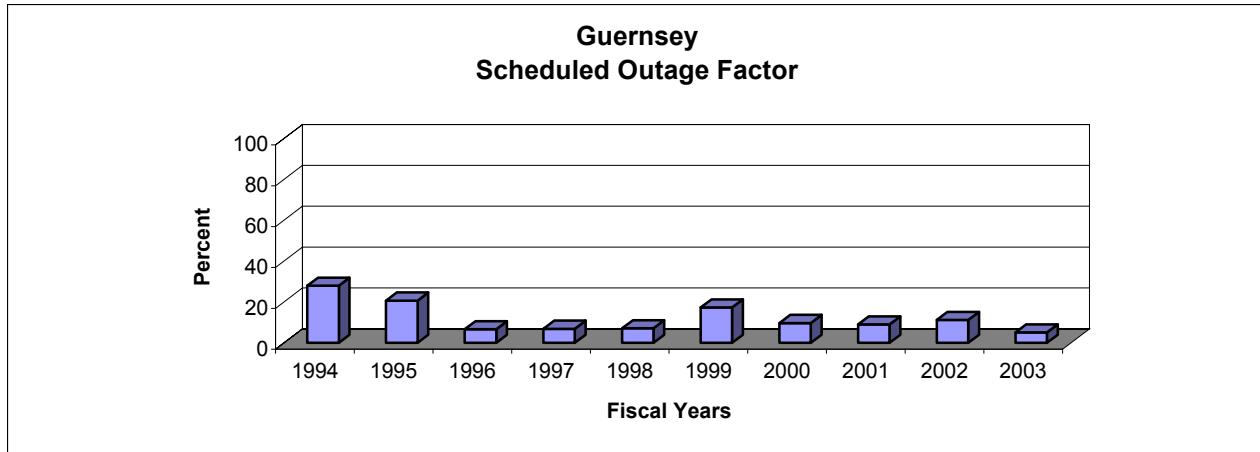
**Benchmark 6
Forced Outage Factor**



FY 03 – Extended outage for rock fall clean up and hillside stabilization efforts above transformers and the plant.

**Guernsey Powerplant
Seasonal**

**Benchmark 7
Scheduled Outage Factor**

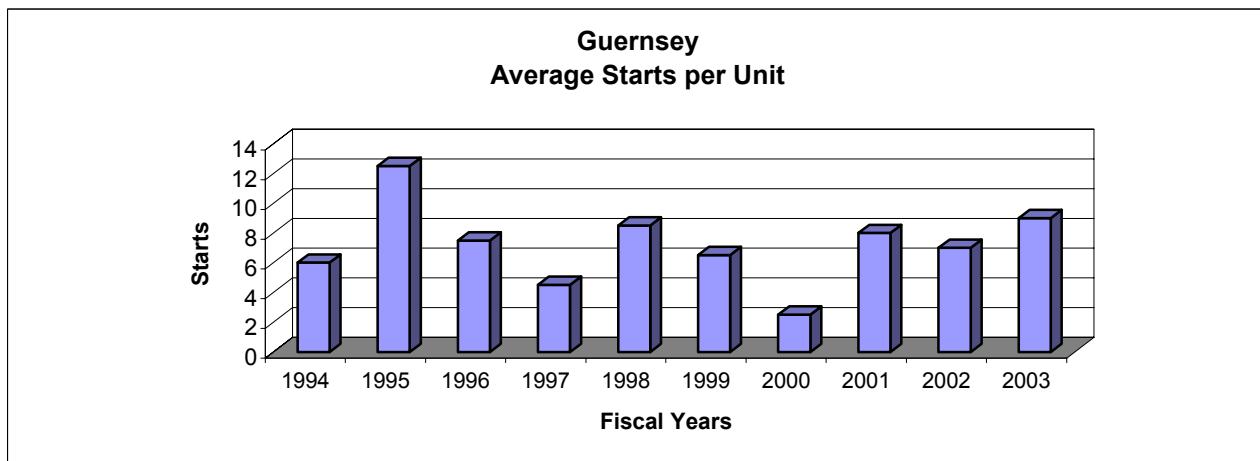


FY-94 - Both units rewound and turbines overhauled, one unit per year.

FY-95 - Power cables replaced

FY-99 - Water service piping rehabilitation for both Units 1 and 2

Starts



Benchmark Data Comparison

Fiscal Year 2003	Guernsey Powerplant	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	21.7	*23.1	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	1.4%	12.0%	Not Applicable	Not Applicable
O&M Cost \$/MWh	112.8	2.7	Not Applicable	1.1
O&M Costs \$/MW	74,292	7,315	Not Applicable	3,108
O&M Equiv Work Year per MW	0.6	0.04	Not Available	0.01
Availability Factor	79.5	83.6	**88.9	99.1
Forced Outage Factor	15.3	1.5	**2.4	0.0
Scheduled Outage Factor	5.2	14.9	**8.7	0.0

*Weighted by Net Generation

**2002 NERC Average